IUID Flat File Specification, Version 1

Unique Identification (UID) Integration

7 September 2005

Prepared for:
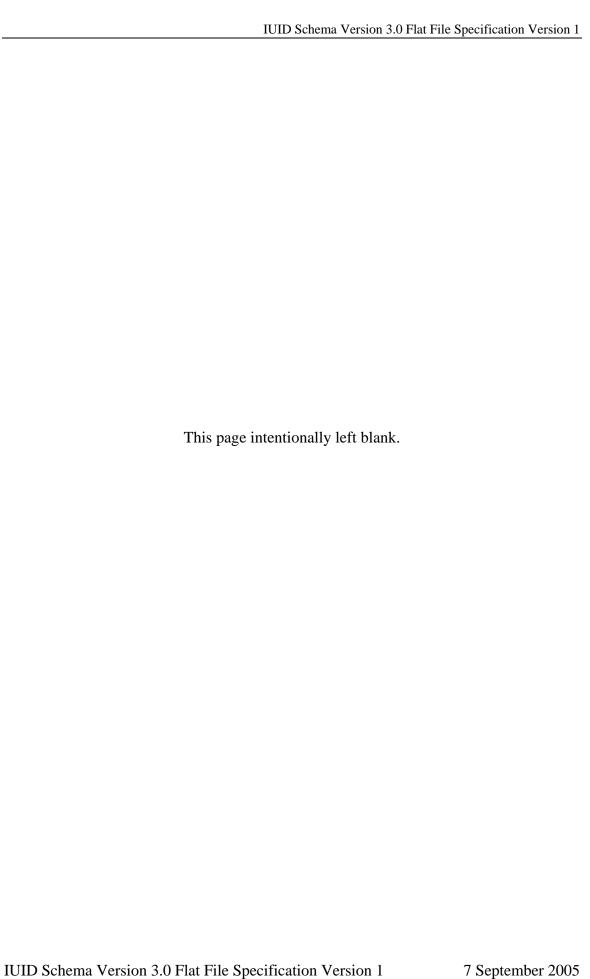Office of the Under Secretary of Defense (Acquisition, Technology and Logistics)

Prepared by:
Northrop Grumman
Critical Mission Business Systems
7555 Colshire Drive
McLean, Virginia 22102

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IUID Flat File Specification

Purpose

This document provides an alternate, flat file format to the IUID Registry XML format for providing data to the IUID Registry. It has the same capability as the IUID Registry XML format to record end and embedded items for legacy and newly procured populations as well as record mark, custody, part number, and parent information and changes.

Implementation

This specification is for planning purposes only. The capability to process the IUID Flat File is still under development.

General Instructions

The following pages describe each individual record and its elements. A description of each column is:

Field Name   Contains the name of the element.

Format   The format of the element:

A	Alphabetic characters only (a-z, A-Z)
AN	Alphanumeric characters (a-z, A-Z, 0-9)
DT	Date in the format CCYY-MM-DD (i.e. 2005-07-15).
Nv	Numeric; no special characters such as dollar sign or cents ('$' or '¢'); if decimal point ('.'), v is number of digits to the right; if no decimal point v is replaced with '0' (zero).
R	Real numbers only; floating decimal point allowed ('.'); no dollar sign ('$').

Min/Max   Denotes minimum and maximum size of the element. For example, a min/max of 3/6 means that the data value must be at least three characters long and cannot exceed six characters.

Req   Specifies whether an element is required or not:

C	Conditional; requirement depends on value or appearance of other elements.
I	Not used when sending data to the IUID Registry.
M	Mandatory; must always be provided.
O	Optional; may or may not be provided.

Description   Provides a brief description of the data element and where applicable, a list of valid values and element dependencies.

Each file is made of several records. The first record must be a File Header Record and the last record must be a File Trailer Record. In between may be a variety of records depending on the information that is being reported – new items or changes to existing items. Each record is made up of variable length fields delimited with the ^ symbol.

At the end of this document are two examples. One example adds items to the IUID Registry; the other example updates items that are in the IUID Registry.

Generic File Structure

The number and type of records used in a file depends upon the information being conveyed but the basic order of the records remains the same. If all records are used for one item, the preferred order would be:

H000	Header
A100	Add Item
A200	Add Custody
A300	Add Mark
E200	Custody Event
E300	Mark Event
E400	Part Number Change Event
E500	Parent Event
T900	Trailer

But this would never realistically occur since the first time an item is recorded in the IUID Registry; its current state is recorded, not its prior history. From that point forward, the IUID Registry would capture events that occurred to the item.

The records are grouped by item. If three non-GFP items are being added with three marks apiece, then the records would appear in the following preferred order with the records for item one followed by the records for item two followed by the records for item three:

H000	Header
A100	Add Item
A300	Add Mark
A300	Add Mark
A300	Add Mark
A100	Add Item
A300	Add Mark
A300	Add Mark
A300	Add Mark
A100	Add Item
A300	Add Mark
A300	Add Mark
A300	Add Mark
T900	Trailer

To record an event about two items in the registry that are being provided to a contractor as GFP, the records would appear in this preferred order:

H000	Header
E200	Custody Event
E200	Custody Event
T900	Trailer

If those two items are being returned to the Government at the end of the contract along with three items the Government is taking possession of, the following preferred record order would be used. All items were marked with a 2D-Compliant mark by the contractor before being sent or returned to the Government:

H000	Header
A100	Add Item
A300	Add Mark
A100	Add Item
A300	Add Mark
A100	Add Item
A300	Add Mark
E200	Custody Event
E300	Mark Event
E200	Custody Event
E300	Mark Event
T900	Trailer

See the examples at the end of the document for samples of the actual records.

NOTE: While the Header record must be the first record in the file and the Trailer record must be the last record in the file, the other records may be in any order. The file will be sorted into the desired record sequence by the recipient system.

File Header Record (H000)

Must be the first record in every file.

Must be one and only one per file.

<table>
<tr><td colspan="5" align="center">Header Record</td></tr>
<tr><td align="center">Field Name</td><td align="center">Format</td><td align="center">Min/
Max</td><td align="center">Req</td><td align="center">Description</td></tr>
<tr><td>Record Type</td><td align="center">A</td><td align="center">1/1</td><td align="center">M</td><td>Always "H"</td></tr>
<tr><td>Record Number</td><td align="center">N0</td><td align="center">3/3</td><td align="center">M</td><td>Always "000"</td></tr>
<tr><td>Email</td><td align="center">AN</td><td align="center">1/60</td><td align="center">O</td><td>Email address of the person or office listed in Name.</td></tr>
<tr><td>Name</td><td align="center">AN</td><td align="center">1/120</td><td align="center">M</td><td>Person or office that would be contacted if there were technical issues associated with the file.</td></tr>
<tr><td>Organization</td><td align="center">AN
AN
N0</td><td align="center">5/5
6/6
9/9</td><td align="center">M</td><td>The 5 character CAGE, 6 character DoDAAC, or 9 digit DUNS of the organization providing the file.</td></tr>
<tr><td>Phone</td><td align="center">AN</td><td align="center">1/25</td><td align="center">M</td><td>Phone number of the person or office listed in Name.</td></tr>
<tr><td>Version</td><td align="center">AN</td><td align="center">3/6</td><td align="center">M</td><td>Always "3.0"</td></tr>
<tr><td>Industry Flag</td><td align="center">A</td><td align="center">1/1</td><td align="center">I</td><td>Always "Y" when provided. States that the file is not destined for the IUID Registry.</td></tr>
</table>

Records to Add New Items (A)

The records depicted in this section are to be used when an item, legacy or newly procured, is reported to the IUID Registry for the first time.

Item Record (A100)

Provide one per item that is being added into the registry.

Item Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Record Type	A	1/1	M	Always "A"
Record Number	N0	3/3	M	Always "100"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of all items listed in the registry.
Item Type	A	3/3	M	Flag that identifies the item as an end item or an embedded item. Select from the following list: END – End Item EMB – Embedded Item
Population Type	A	3/3	M	Flag that identifies the population an item belongs to. Select from the following list: NEW – Newly purchased item LEG – Government owned item in the custody of a government entity PPC – Government owned item in the custody of a contractor
Compliant Mark Flag	A	1/1	M	Flag that states whether the UII is marked on the item in compliance with IUID Policy. Select from the following list: Y – Marked in compliance N – Not marked in compliance
UII Type	AN	3/10	M	Designator to indicate which method has been used to uniquely identify an item. Values: UID1 - UID Construct 1 UID2 - UID Construct 2 VIN - Vehicle Identification Number GRAI - Global Returnable Asset Identifier GIAI - Global Individual Asset Identifier ESN - Electronic Serial Number OTHER - For UIIs without an assigned UII Type

Item Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Issuing Agency Code	AN	1/3	C	Designator to indicate which code was used in the Enterprise Identifier. Required if UII Type is UID1 or UID2. Values: D - CAGE LB - ANSI T1.220 LD - DoDAAC LH - EHIBCC UN - DUNS 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix
Enterprise Identifier	AN	1/13	C	Code identifying the Enterprise that assigned the item with the UID data elements. If UII Type is UID1 or UID2, this is the same Enterprise Identifier that was used in the construct. Required if UII Type is UID1 or UID2.
Batch/Lot	AN	1/20	C	The batch/lot identification of the item if applicable. Required if the UII Type is UID2 and the Lot/Batch was used within the UII.
Original Part Number	AN	1/32	C	The Enterprise assigned Part Number corresponding to the assigned UII. Required if the UII Type is UID2 and the Part Number was used within the UII.
Serial Number	AN	1/30	C	The Enterprise assigned Serial Number corresponding to the assigned UII. The serial number may be within the Enterprise or within the Original Part Number. Required if UII Type is UID1 or UID2.
Description	AN	1/250	M	Description of the item.
Procurement Instrument Number	AN	13/25	C	Contract number under which the item was procured. This is a unique identifier for the contract, purchase order, BOA, Basic Agreement, or BPA and includes the delivery order, task order, and call number as appropriate. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Procurement Prime Contractor Identifier	AN N0	5/5 9/9	C	The 9-digit DUNS or 5-character CAGE of the contractor that is responsible for reporting all UIIs of the delivered items to the Government. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Procurement Line Item	AN	1/8	C	The purchase contract line item. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Acceptance Code	AN	6/6	C	DoDAAC of the Government entity that accepted the item. Required from Vendors for new procurement; not required when reporting legacy or embedded items.

Item Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Acceptance Date	DT	10/10	C	The date that the item is accepted by the Government entity. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Ship To Code	AN	1/20	C	DODAAC or other code representing the location the item was shipped to. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Acquisition Cost	R	2/18	C	Unit Price as defined in the procurement contract or as defined at delivery by the contractor. Required from Vendors for new procurement; not required when reporting legacy or embedded items.
Foreign Currency Code	AN	3/3	C	International Organization of Standardization code from ISO 4217 representing the currency unit of Acquisition Cost. Will default to "USD" if Acquisition Cost is provided and Foreign Currency Code is not.
Unit of Measure	AN	2/2	C	Unit of Measure associated with the Acquisition Cost of the item. Required from Vendors for new procurement; not required when reporting legacy or embedded items. (For list of codes, see ASC X12 Standards Element 355.)
Current Part Number	AN	1/32	O	Used only if the item's current part number is different from the Original Part Number. Must be provided if Current Part Number Effective Date is provided.
Current Part Number Effective Date	DT	10/10	C	The date the item was modified or changed to the current part number from a previous part number. Must be provided if Current Part Number is provided.
Manufacturer Code	AN	1/3	O	Designator to indicate which code was used in the Manufacturer Identifier. Required if Manufacturer Identifier is provided. Values: D - CAGE LB - ANSI T1.220 LD - DoDAAC LH - EHIBCC UN - DUNS 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix
Manufacturer Identifier	AN	1/13	C	Code identifying the Manufacturer that produced the item if different from the Enterprise Identifier.
Parent UII	AN	1/78	O	The UII of the item that the item is embedded in.
Mark Method	A	3/3	I	Optional. Must be one of the following: INT – Intrusive NON – Non-Intrusive

Item Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**

Mark Grade	A	1/1	I	Optional.
				
				When Mark Method is "INT", use one of the following:
				    F –Fail
				    P – Pass
				
				When Mark Method is "NON", use one of the following:
				    A
				    B
				    C
				    D
				    E

Custody Record (A200)

Provide one record if the Population Type in the Item Record contains "PPC". There may be one and only one per Item Record. If the Population Type in the Item Record does not contain "PPC", do not provide.

Field Name	Format	Min/ Max	Req	Description
Record Type	A	1/1	M	Always "A"
Record Number	N0	3/3	M	Always "200"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of all items listed in the registry.
Action Type	A	3/3	M	Identifies the action taken when an item is moved from one location or contract to another. Select from the following list: SND – Provides the ship date only REC – Provides the received date only BTH – Provides the ship date and received date
Direction Flag	A	1/1	M	Identifies the recipient of the item when it is moved from one location or contract to another. Select from the following list: G – Government K - Contractor
Activity Type	A	3/3	M	Identifies the type of custody change that is being recorded. Select from the following list: GFP – movement of Government Furnished Property
GFP Contract Number	AN	13/25	M	This is the contract under which the item is currently designated as GFP.
GFP Prime Contractor CAGE	AN	5/5	C	The 5-character CAGE Code of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.
GFP Prime Contractor DUNS	N0	9/9	C	The 9-digit DUNS Code of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.
GFP Prime Contractor DoDAAC	AN	6/6	C	The 6-character DoDAAC of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.

Custody Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Category Code	A	1/1	M	Used when recording change in custody of GFP. Must be one of the following codes: "E" - Equipment: A tangible article of personal property that is complete in-and-of itself, durable, nonexpendable, and needed for the performance of a contract. Equipment generally has an expected service life of one year or more, and does not ordinarily lose its identity or become a component part of another article when put into use. "M" - Material: Property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end-item. Material does not include Equipment, Special Tooling, Special Test Equipment, or Unique Federal Property.
Received Date	DT	10/10	C	The date the item is received by the Contractor.
Sent Date	DT	10/10	C	The date the item is sent to the Contractor.

Mark Record (A300)

Provide one or more records if the Compliant Mark Flag in the Item Record contains "N". If the Compliant Mark Flag in the Item Record does not contain "N", do not provide.

Field Name	Format	Min/Max	Req	Description
Mark Record				
Record Type	A	1/1	M	Always "A"
Record Number	N0	3/3	M	Always "300"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of items listed in the registry.
Action	A	3/3	M	Identifies the action taken against a mark. Select from the following list: ADD – Mark is added, not previously reported
Bagged Or Tagged Code	A	1/1	M	"Y" if mark applied according to the Bag and Tag Business Rules else "N".
Mark Contents	AN	1/25	M	What has been recorded on or with the item such as "UID", "Serial Number", "Internal Number", etc. For UII, must contain "UID". All non-UII markings must be marked physically on the item.
Mark Effective Date	DT	10/10	M	The date the mark was associated with or physically marked on the item. If the UII was defined for the item but not physically attached (Medium Code contains 'DEFINED'), it is the date the UII is associated with the item.
Marker Code	AN	1/3	M	Designator to indicate which code was used in the Marker Identifier. Values: D - CAGE LB - ANSI T1.220 LD - DoDAAC LH - EHIBCC UN - DUNS 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix
Marker Identifier	AN	1/13	M	Code identifying the Entity that placed the mark on or associated the mark with the item.

Mark Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Medium Code	AN	1/25	M	The method used to associate the mark identified in Mark Contents with the item. The codes provide information on what is needed to read the mark. The available codes are: "2D COMPLIANT" "NONCOMPLIANT DATA MATRIX" "HUMAN READABLE" "CMB" "PDF417" "BARCODE" "RFID" - If the UII is by association only, not physically marked, use "DEFINED". "DEFINED" can only be used when the Contents contains "UID". - When the UII is physically marked with a 2D Data Matrix in accordance with DoD policy, ISO/IEC 15434, use "2D COMPLIANT".
Mark Value	AN	1/256	C	The string representation of the physical mark. Not required when the content is a UII.
Mark Method	A	3/3	I	Optional. Must be one of the following: 　　　INT – Intrusive 　　　NON – Non-Intrusive
Mark Grade	A	1/1	I	Optional. When Mark Method is "INT", use one of the following: 　　　F –Fail 　　　P – Pass When Mark Method is "NON", use one of the following: 　　　A 　　　B 　　　C 　　　D 　　　E

Records to Record Events (E)

These records are used to record events that have occurred against items that reside in the IUID Registry. The events include part number, custody, mark, and embedded changes.

Custody Record (E200)

Use one record to record that an item as changed custody as Government Furnished Property under a contract. It may be used to record the shipment and the receipt separately or together.

Custody Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Record Type	A	1/1	M	Always "E"
Record Number	N0	3/3	M	Always "200"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of the item in the registry.
Action	A	3/3	M	Identifies the action taken when an item is moved from one location or contract to another. Select from the following list: SND – Provides the ship date only REC – Provides the received date only BTH – Provides the ship date and received date
Direction	A	1/1	M	Identifies the recipient of the item when it is moved from one location or contract to another. Select from the following list: G – Government K - Contractor
Activity Type	A	3/3	M	Identifies the type of custody change that is being recorded. Select from the following list: GFP – movement of Government Furnished Property
GFP Contract Number	AN	13/25	M	This is the contract under which the item is currently designated as GFP.
GFP Prime Contractor CAGE	AN	5/5	C	The 5-character CAGE Code of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.
GFP Prime Contractor DUNS	N0	9/9	C	The 9-digit DUNS Code of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.
GFP Prime Contractor DoDAAC	AN	6/6	C	The 6-character DoDAAC of the Prime Contractor specified in the GFP contract. At least one of CAGE, DoDAAC, and DUNS must be reported.

Custody Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Category Code	A	1/1	M	Used when recording change in custody of GFP. Must be one of the following codes: "E" - Equipment: A tangible article of personal property that is complete in-and-of itself, durable, nonexpendable, and needed for the performance of a contract. Equipment generally has an expected service life of one year or more, and does not ordinarily lose its identity or become a component part of another article when put into use. "M" - Material: Property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end-item. Material does not include Equipment, Special Tooling, Special Test Equipment, or Unique Federal Property.
Received Date	DT	10/10	C	The date the item is received by the Contractor.
Sent Date	DT	10/10	C	The date the item is sent to the Contractor.

Mark Record (E300)

Use one record to record the removal of an existing mark, the addition of a new mark, or the conversion of an associated ("DEFINED") UII to a physical mark. Multiple Mark Records may be used for the same item.

Mark Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Record Type	A	1/1	M	Always "E"
Record Number	N0	3/3	M	Always "300"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of the item in the registry.
Action	A	3/3	M	Identifies the action taken against a mark. Select from the following list: ADD – Mark is added, not previously reported RMV – Mark is removed RPL – Associated UII Mark is replaced with a physical mark
Bagged Or Tagged Code	A	1/1	M	"Y" if mark applied according to the Bag and Tag Business Rules else "N".
Mark Contents	AN	1/25	M	What has been recorded on or with the item such as "UID", "Serial Number", "Internal Number", etc. For UII, must contain "UID". All non-UII markings must be marked physically on the item.
Mark Effective Date	DT	10/10	M	The date the mark was associated with or physically marked on the item. If the UII was defined for the item but not physically attached (Medium Code contains 'DEFINED'), it is the date the UII is associated with the item.
Marker Code	AN	1/3	M	Designator to indicate which code was used in the Marker Identifier. Values: D - CAGE LB - ANSI T1.220 LD - DoDAAC LH - EHIBCC UN - DUNS 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 - EAN.UCC Company Prefix
Marker Identifier	AN	1/13	M	Code identifying the Entity that placed the mark on or associated the mark with the item.

Mark Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Medium Code	AN	1/25	M	The method used to associate the mark identified in Mark Contents with the item. The codes provide information on what is needed to read the mark. The available codes are: "2D COMPLIANT" "NONCOMPLIANT DATA MATRIX" "HUMAN READABLE" "CMB" "PDF417" "BARCODE" "RFID" - If the UII is by association only, not physically marked, use "DEFINED". "DEFINED" can only be used when the Contents contains "UID". - When the UII is physically marked with a 2D Data Matrix in accordance with DoD policy, ISO/IEC 15434, use "2D COMPLIANT".
Mark Value	AN	1/256	C	The string representation of the physical mark. Not required when the content is a UII.

Mark Method	A	3/3	I	Optional. Must be one of the following:
				     INT – Intrusive
				     NON – Non-Intrusive

Mark Grade	A	1/1	I	Optional.
				
				When Mark Method is "INT", use one of the following:
				     F –Fail
				     P – Pass
				
				When Mark Method is "NON", use one of the following:
				     A
				     B
				     C
				     D
				     E

Part Number Change Record (E400)

Use to record the change in an item's part number and any costs associated with that change.

<table>
<tr><td colspan="5" align="center">Part Number Change Record</td></tr>
<tr><td>Field Name</td><td>Format</td><td>Min/ Max</td><td>Req</td><td>Description</td></tr>
<tr><td>Record Type</td><td>A</td><td>1/1</td><td>M</td><td>Always "E"</td></tr>
<tr><td>Record Number</td><td>N0</td><td>3/3</td><td>M</td><td>Always "400"</td></tr>
<tr><td>UII</td><td>AN</td><td>1/78</td><td>M</td><td>The Unique Identifier that ensures uniqueness of the item in the registry.</td></tr>
<tr><td>Current Part Number</td><td>AN</td><td>1/32</td><td>M</td><td>The new part number of the item.</td></tr>
<tr><td>Current Part Number Effective Date</td><td>DT</td><td>10/10</td><td>M</td><td>The date the item was modified or changed to the current part number from a previous part number.</td></tr>
<tr><td>Acquisition Value</td><td>R</td><td>2/18</td><td>M</td><td>The cost incurred by the DoD when the part number changed.</td></tr>
<tr><td>Foreign Currency Code</td><td>AN</td><td>3/3</td><td>C</td><td>International Organization of Standardization code from ISO 4217 representing the currency unit of Current Acquisition Value. If not provided, will default to "USD".</td></tr>
</table>

Parent Record (E500)

Use to record when an item is embedded into another item, an embedded item is removed from an item, and when an item is removed from one item and placed into another item.

Parent Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Record Type	A	1/1	M	Always "E"
Record Number	N0	3/3	M	Always "500"
UII	AN	1/78	M	The Unique Identifier that ensures uniqueness of the item in the registry.
Action	A	3/3	M	Identifies whether an item was embedded into another item, removed from an item, or removed from one item and embedded into another. Select from the following list: ADD – Item is embedded into another item. RMV – Item is removed from another item. RPL – Item is removed from one item and embedded into another item.
Effective Date	DT	10/10	M	The date the item was embedded into another item or removed from an item.
Parent UII	AN	1/78	C	The UII of the item into which the item was embedded. Not required when an item is being removed from another item.

Records to Correct Item Data (C)

These records are used to correct data that has been entered erroneously into the IUID Registry.

Details TBD.

File Trailer Record (T900)

The File Trailer Record must be the last record in every file.

There must be one and only one per file.

Trailer Record				
Field Name	**Format**	**Min/ Max**	**Req**	**Description**
Record Type	A	1/1	M	Always "T"
Record Number	N0	3/3	M	Always "900"
File Date	DT	10/10	M	The date the file was created.
Record Count	N0	1/6	M	The total number of records in the file including the Header and Trailer Records.

Examples

Adding Items to the IUID Registry

```
H^000^Luther.a.Resoto@gentek.com^Luther A. Resoto^99027^804-434-2933^3.0
A^100^D99207PN1SN1^END^PPC^N^UID2^D^99207^^PN1^SN1^ENGINE, ASSEMBLY^^^^^^^50000^USD^^^^D^99207
A^200^D99207PN1SN1^REC^K^GFP^N00155-05-C-0044^99207^^^E^2003-07-22
A^300^D99207PN1SN1^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN1SN1^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN1
A^300^D99207PN1SN1^ADD^N^SERIAL NUMBER^2005-07-22^D^99207^ HUMAN READABLE^SN1
A^100^D99207PN9SN11^END^PPC^N^UID2^D^99207^^PN9^SN11^NO 2 ROLLER BEARING^^^^^^^200^USD^^^^D^99207
A^200^D99207PN1SN1^REC^K^GFP^N00155-05-C-0044^99207^^^E^2004-01-15
A^300^D99207PN9SN11^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN9SN11^ADD^N^PART NUMBER^2004-01-15^D^99207^HUMAN READABLE^PN9
A^300^D99207PN9SN11^ADD^N^SERIAL NUMBER^2004-01-15^D^99207^ HUMAN READABLE^SN11
A^100^D99207PN3SN10^END^PPC^N^UID2^D^99207^^PN3^SN10^POWER TAKEOFF DRIVE^^^^^^^2100^USD^^5044T7G02^1988-11-11^D^99207
A^200^D99207PN3SN10^REC^K^GFP^N00155-05-C-0044^99207^^^E^2004-01-15
A^300^D99207PN3SN10^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN3SN10^ADD^N^PART NUMBER^2004-01-15^D^99207^HUMAN READABLE^PN3
A^300^D99207PN3SN10^ADD^N^SERIAL NUMBER^2004-01-15^D^99207^ HUMAN READABLE^SN10
A^100^D99207PN2SN2^EMB^PPC^N^UID2^D^99207^^PN2^SN2^COLD SECTION MODULE^^^^^^^^^^^^D^99207^D99207PN1SN1
A^300^D99207PN2SN2^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN2SN2^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN2
A^300^D99207PN2SN2^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN2
A^100^D99207PN3SN3^EMB^PPC^N^UID2^D^99207^^PN3^SN3^POWER TAKEOFF DRIVE^^^^^^^^^^5044T7G02^1988-11-11^D^99207^D99207PN2SN2
A^300^D99207PN3SN3^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN3SN3^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN3
A^300^D99207PN3SN3^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN3
A^100^D99207PN4SN4^EMB^PPC^N^UID2^D^99207^^PN4^SN4^COMPRESSOR ROTOR ASSY^^^^^^^^^^6035T77G10^2001-11-26^D^99207^D99207PN2SN2
A^300^D99207PN4SN4^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN4SN4^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN4
A^300^D99207PN4SN4^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN4
A^100^D99207PN5SN5^EMB^PPC^N^UID2^D^99207^^PN5^SN5^GAS GEN TURBINE SHAFT^^^^^^^^^^^^D^99207^D99207PN2SN2
A^300^D99207PN5SN5^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN5SN5^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN5
A^300^D99207PN5SN5^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN5
A^100^D99207PN6SN6^EMB^PPC^N^UID2^D^99207^^PN6^SN6^COMPRESSOR ROTOR ASSY^^^^^^^^^^^^D^99207^D99207PN2SN2
A^300^D99207PN6SN6^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN6SN6^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^AA6
A^300^D99207PN6SN6^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^ZZ6
A^100^D99207PN7SN7^EMB^PPC^N^UID2^D^99207^^PN7^SN7^OUTPUT SHAFT ASSY^^^^^^^^^^^^D^99207^D99207PN2SN2
A^300^D99207PN7SN7^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN7SN7^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN7
A^300^D99207PN7SN7^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN7
A^100^D99207PN8SN8^EMB^PPC^N^UID2^D^99207^^PN8^SN8^NO 1 BALL BEARING^^^^^^^^^^^^D^99207^D99207PN7SN7
A^300^D99207PN8SN8^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN8SN8^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN8
A^300^D99207PN8SN8^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN8
A^100^D99207PN9SN9^EMB^PPC^N^UID2^D^99207^^PN9^SN9^NO 2 ROLLER BEARING^^^^^^^^^^^^D^99207^D99207PN7SN7
A^300^D99207PN9SN9^ADD^N^UID^2005-05-12^D^99207^DEFINED
A^300^D99207PN9SN9^ADD^N^PART NUMBER^2003-07-22^D^99207^HUMAN READABLE^PN9
A^300^D99207PN9SN9^ADD^N^SERIAL NUMBER^2003-07-22^D^99207^ HUMAN READABLE^SN9
T^900^2005-07-24^49
```

Updating Items in the Registry

H^000^Luther.a.Resoto@gentek.com^Luther A. Resoto^99027^804-434-2933^3.0
E^300^D99207PN3SN10^RPL^N^UID^2005-06-11^D^99207^2D COMPLIANT
E^400^D99207PN3SN10^PN3-A^2005-06-10^530.99^USD
E^500^D99207PN3SN10^ADD^2005-06-11^D99207PN1SN1
E^300^D99207PN3SN3^RPL^N^UID^2005-06-11^D^99207^2D COMPLIANT
E^500^D99207PN3SN3^RMV^2005-06-11
T^900^2005-07-25^7